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Novel Methods Applied to Security and Privacy Problems

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Message from the Guest Editors

This Special Issue presents the latest research findings on novel theories and approaches to security and privacy. Over the years, researchers have tried to break through traditional security and privacy methods and have made a lot of progress, for instance with quantum computers, which has severely challenged traditional conservation methods. In order to meet the requirements of the new era and cope with the ever-changing means of attack, it is necessary to develop new, non-traditional methods and innovate traditional methods, such as lattice based, zero-knowledge proof, blockchain, and secure deep learning and machine learning. We welcome the latest research findings that suggest theories and practical solutions for security and privacy.

The topics of interest include, but are not limited to, the following:

(1) Lattice-based methods;

(2) Zero-knowledge proof and secure multi-party computation;

(3) Machine learning with novel secure privacy protection;

(4) Blockchain with novel secure privacy protection;

(5) Internet of Things with novel secure protection;

(6) Other innovative security and privacy protection methods.

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Message from the Editor-in-Chief

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